AMENDMENTS TO THE SPECIFICATION

Please replace the title of the invention with the following:

NUCLEIC ACIDS ENCODING MEMBRANE-BINDING PROTEINS AND METHODS OF USING SAME ~~SECRETORY OR MEMBRANE-BINDING CHIMERIC PROTEIN~~

Please enter the Substitute Sequence Listing submitted herewith into the Specification.

Please replace the paragraph under BRIEF DESCRIPTION OF THE DRAWINGS on page 3, lines 28-32 with the following paragraph:

Fig. 1b shows a luminescent fluorescent fusion protein of a *Vargula* luciferase gene (Vluc) and a mutant yellow fluorescent protein gene (EYFP) inserted into an expression vector for mammalian cells, pEF-BOS. The DNA sequence encoding the Vluc fusion protein is shown spanning from the amino terminus (SEQ ID NO: 11) to the carboxy terminus (SEQ ID NO: 12). The corresponding amino acid sequences are shown for the amino terminus (SEQ ID NO: 13) and the carboxy terminus (SEQ ID NO: 14). The DNA sequence encoding the modified Vluc fragment by PCR is shown spanning from the amino terminus (SEQ ID NO: 11) to the carboxy terminus (SEQ ID NO: 15). The corresponding amino acid sequences are shown for the amino terminus (SEQ ID NO: 13) and the carboxy terminus (SEQ ID NO: 16). The DNA sequence encoding Vluc-EYFP is shown spanning from the amino terminus (SEQ ID NO: 17), the linker (SEQ ID NO: 18) and the carboxy terminus (SEQ ID NO: 19). The corresponding amino acid sequences are shown for the amino terminus (SEQ ID NO: 20), the linker (SEQ ID NO: 21) and the carboxy terminus (SEQ ID NO: 22). The DNA sequence encoding the modified EYFP fragment by PCR is shown spanning from the amino terminus (SEQ ID NO: 23) to the carboxy terminus (SEQ ID NO: 24). The corresponding amino acid sequences are shown for the amino terminus (SEQ ID NO: 25) and the carboxy terminus (SEQ ID NO: 26). The DNA sequence encoding the amino terminus of EYFP fragment is shown spanning from the amino terminus (SEQ ID NO: 27) to the carboxy terminus (SEQ ID NO: 28). The corresponding amino acid sequences are shown for the amino terminus (SEQ ID NO: 29) and the carboxy terminus (SEQ ID NO: 30).

Please replace the paragraph under BRIEF DESCRIPTION OF THE DRAWINGS on page 4, lines 18-20 with the following paragraph:

Fig. 6 shows changes of energy transfer efficiency (changes of luminescence spectra) when a different monitor peptide was inserted in a light-emitting enzyme/fluorescent protein fusion. Insert Peptide 1 (SEQ ID NO: 4) and Insert Peptide 2 (SEQ ID NO: 5) are shown.

Please replace the paragraph under BRIEF DESCRIPTION OF THE DRAWINGS on page 4, lines 21-22 with the following paragraph:

Fig. 7 shows predicted secondary structures and hydrophobicity of inserted peptides 1 (SEQ ID NO: 4) and 2 (SEQ ID NO: 5).